Fujitsu recommends Windows® 7.

Data Sheet
Fujitsu LIFEBOOK E781 Notebook

The Solid Companion for Demanding Work

If you need a solid, reliable notebook to support you in your daily work, choose the Fujitsu LIFEBOOK E781. Its 39.6 cm (15.6-inch) display and useful interfaces offer you convenience in the office. The modular bay for a second battery or hard disk drive lets you extend battery runtime or storage, enhancing your flexibility. In addition, the solid magnesium lid enables increased stability wherever you're working.

Performance of a desktop in a notebook
Effective working even for the most demanding of users in all situations.
- 39.6 cm (15.6-inch) HD, HD+ or Full HD display, modular bay for an optional second hard disk drive, a second battery, DVD Super Multi, Blu-ray Disc™ Triple Writer or optical drive

Maximum connectivity
Be available wherever you are; wireless connectivity anytime anywhere, even if there is no hotspot nearby.
- Integrated DisplayPort, eSATA, serial port, USB 3.0, optional embedded 3G/UMTS, WLAN and Bluetooth®

Maximum security
Protect your company data against unauthorized third-party access.
- Advanced Theft Protection (Intel® Anti Theft & Computrace®), integrated SmartCard slot, optional fingerprint sensor, TPM and SMARTACCESS

Reliable companion
Effective and ergonomic work in every situation even for the most demanding of users.
- Robust magnesium lid, ShockSensor, optional webcam, port replicator, optional 0-Watt AC Adapter guarantees that the notebook does not use any power when in off-mode and Anytime USB Charge to charge telephone and media devices even when the system is switched off.

Great flexibility
The family concept offers same design and accessory components for LIFEBOOK E751 and E781 as well as for LIFEBOOK S751 and S781.
- Same industrial design, bit image, BIOS and accessories such as port replicator, power supply unit, keyboard and modular bay for optical drive, second battery and second hard disk drive

Green IT · Advanced Theft Protection · Modular Bay · Best Connectivity · Long Battery Runtime · Family Concept · Power Save · Global Availability

Fujitsu recommends Windows® 7.

Components

Processor	Intel® Core™ i7-2640M processor (2.8 GHz, 4 MB)
	Intel® Core™ i5-2540M processor (2 Cores / 4 Threads, 2.60 GHz, 3 MB)
	Intel® Core™ i5-2430M processor (2.4 GHz, 3 MB) *
	Intel® Core™ i5-2410M processor (2.3 GHz, 3 MB) *
	Intel® Core™ i3-2330M processor (2.2 GHz, 3 MB) *
	Intel® Core™ i3-2310M processor (2.1 GHz, 3 MB) *
	Intel® Core™ i7-2620M processor (2.70 GHz, 4 MB)
	Intel® Core™ i5-2520M processor (2.50 GHz, 3 MB)
	*Processor only for retail, SMB, education and government
Operating systems	
Operating system	Genuine Windows® 7 Professional 64-bit Genuine Windows® 7 Home Premium 64-bit Genuine Windows® 7 Home Basic (EM) 64-bit
Operating system compatible	Genuine Windows® XP Professional Genuine Windows Vista® Business 32-bit
Operating system notes	Driver support for Microsoft® Windows® XP
Memory modules	2 GB (1 module(s) 2 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM
	4 GB (1 module(s) 4 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM
Base unit memory	**LIFEBOOK E781 15.6-inch vPro**
Supported capacity RAM (max.)	8 GB
Memory slots total	2
Memory slot type	DIMM (DDR3)
Memory notes	DDR3 - 1333 MHz
Hard disk drives (internal)	SSD SATA III, 128 GB, 2.5-inch
	SSD SATA, 128 GB, 2.5-inch
	SATA, 7200 rpm, 500 GB, 2.5-inch, S.M.A.R.T.
	SATA, 7200 rpm, 320 GB, 2.5-inch, S.M.A.R.T.
	SATA, 7200 rpm, 160 GB, 2.5-inch, S.M.A.R.T.
	SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T. (Windows® XP optimized)
	SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.
	SATA, 5400 rpm, 250 GB, 2.5-inch, S.M.A.R.T.
	SATA, 5400 rpm, 160 GB, 2.5-inch, S.M.A.R.T.
	FDE, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software. Up to 18 GB of HDD space is reserved for system recovery Internal HDD interface: S-ATA III (6GBit/s)
WLAN (optional)	Atheros Minicard b/g/n
	Intel® Centrino® 6205 802.11 a/b/g/n
Wireless technologies	
Antennas	2 dual band antennas; 1 Bluetooth antenna optional, 2 UMTS antennas optional
Bluetooth	Optional: Bluetooth
WLAN notes	Import and usage according to country-specific regulations.
3G/UMTS (optional)	Sierra Wireless Gobi 3000 (UMTS downlink speed 14.4 Mbit/s, UMTS uplink speed 5.76 Mbit/s)
Bluetooth (optional)	Bluetooth 3.0

Display	39.6 cm (15.6-inch), LED backlight, (HD+), Anti-glare display, magnesium, 1600 x 900 pixel, 300:1, 220 cd/m
	39.6 cm (15.6-inch), LED backlight, (HD), Anti-glare display, magnesium, 1366 x 768 pixel, 300:1, 220 cd/m
	39.6 cm (15.6-inch), LED backlight, (Full HD), Anti-glare display, magnesium, 1920 x 1080 pixel, 300:1, 220 cd/m
Modular bay options	2nd battery
	2nd hard disk drive (S-ATA II)
	Blu-ray Disc™ Triple Writer
	DVD Super Multi
	Weight saver

Base unit	LIFEBOOK E781 15.6-inch vPro
General system information	
Chipset	Intel® QM67
Chipset notes	supports iAMT 7.0, Intel® vPro™ requires Core i5-25xx / i7 processor, Intel W-LAN & TPM module
BIOS features	BIOS based on Phoenix TrustedCore Notebook
Graphics	
TFT resolution (DisplayPort)	up to 2560 x 1600
TFT resolution (VGA)	up to 1920 x 1200
TFT resolution (DVI on Port Replicator)	up to 1920 x 1200
Graphics brand name	Intel® HD Graphics or HD Graphics 3000 (depending on CPU)
Graphics features	DualView
Graphics notes	Shared memory depending on main memory size and operating system
Interfaces	
Memory card slots	1 (SD/MS/MSPro)
ExpressCard slots	1 (34 / 54 mm supported)
SmartCard slot	1
SIM card slot	1 (usable only with 3G/UMTS)
Modem (RJ-11)	1 (optional)
eSATA & USB combo	1
USB 3.0 total	1
USB 2.0 total	3 (1x with Anytime USB Charge functionality)
Serial (RS-232)	1
VGA	1
DisplayPort	1
Ethernet (RJ-45)	1
DC-in	1
Audio: line-in / microphone	1
Audio: line-out / headphone	1
Internal microphones	as option
Docking connector for Port Replicator	1
Kensington Lock support	1
Wired communication	
Modem type	Optional: 56 K V.92 modem MDC1.5
LAN	Built-in 10/100/1000 MBit/s Intel® 82579 LM
Keyboard and pointing devices	
	Spill-resistant keyboard with number block
	Number of keyboard keys: 106, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm
	Multi gesture touchpad with two mouse buttons Optional: Fingerprint sensor TouchStick Application buttons

Multimedia	
Audio type	On board
Audio codec	Realtek ALC269
Audio features	Stereo speakers
Camera	Optional: Built-in webcam, 2.0 megapixel
Power supply	
AC Adapter	19 V / 80 W (4.22 A), 100 V - 240 V (AC Input) , 50 Hz - 60 Hz, 0-Watt AC Adapter technology
	19 V / 80 W (4.22 A), 100 V - 240 V (AC Input) , 50 Hz - 60 Hz, Standard Adapter
1st battery options	Li-Ion battery 6-cell, 5600 or 5800 mAh, 63 Wh
	Li-Ion battery 6-cell, 6200 mAh, 67 Wh
2nd battery (optional)	Li-Ion battery 6-cell, 3.800 mAh, 41 Wh
Benchmark	Mobile Mark 2007 (readers mode e.g. surfing the internet, writing E-mails, viewing documents)
Runtime 1st battery	up to 10 h
Runtime 1st + 2nd battery	up to 17 h
Battery charging time	~160 min (5,800 mAh) ~ 180 min (6,200 mAh)
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage. Rapid charge with 5,800 mAh batteries
Power consumption	
Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=6966d3bc-82ae-4191-a6c6-e9f47920d26e
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	372 x 245 x 35 mm
Weight	2.35 kg
Weight notes	Incl. weight saver. Weight may vary depending on actual configuration.
Operating ambient temperature	5 - 35°C
Operating relative humidity	20 - 80 %
Additional Software	
Additional software (preinstalled)	Adobe Acrobat Reader Application Panel Display Manager ShockSensor Utility Power Saving Utility Plugfree Network EasyGuide online user documentation Nero Essentials S (burning software) Norton Internet Security (incl. Firewall) 60 days version Fujitsu Recovery (Hard Disk Based Recovery) Microsoft® Office Starter: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®. Buy Office 2010 to use the full-featured software.
Additional software (optional)	Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS)
Manageability	
Manageability technology	DeskUpdate Driver management iAMT 7.0 Intel® vPro™ technology
Manageability software	DeskView 10.x client management including:

Manageability	
DeskView components	BIOS Management DeskView Helpdesk Integration Detailed system inventory management and reports On/Offline remote client management Remote power management Security Remote Control System notifications WoL (Wake on LAN)
Supported standards	WMI PXE BootP (made4you)
Manageability link	http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html

Security	
System protection	Kensington Lock support
Audit proof protection	Advanced Theft Protection (Intel® Anti Theft & Computrace®) Optional: Trusted platform module (TPM 1.2) Norton Internet Security (incl. Firewall) 60 days version
Access protection	Hard disk password Integrated SmartCard slot User and supervisor BIOS password Optional: Integrated fingerprint sensor including Omnipass software

Compliance	
Germany	GS
Europe	CE CB Nordic Swan
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) WiFi certified ENERGY STAR® 5.0 EPEAT® Gold (dedicated regions)
Russia	GOST (WLAN)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/

Port Replicator interfaces (optional)	
DC-in	1 (19V)
Power on switch	1
Audio: headphone	1
Audio: microphone	1
USB 2.0 total	4
DisplayPort	1 (up to 2560 x 1600)
VGA	1
DVI	1 (up to 1920 x 1200)
Serial (RS-232)	1
Ethernet (RJ-45)	1 (10/100/1000)
Parallel	1
Kensington Lock support	1
eSATA	1
Notes	Port replicator does not support 0-Watt technology

Warranty	
Standard Warranty	2 years
Service level	Collect & Return Service / Bring-in Service (depending on country specific requirements)

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Warranty	
Maintenance and Support Services - the perfect extension	
Recommended Service	5x9, Response Time: Next Business Day
Spare Parts availability	5 years
Service Weblink	http://ts.fujitsu.com/Supportservice

Recommended Accessories

Port Replicator		Flexibility, expandability, desktop replacement, investment protection to name just a few benefits of Fujitsu docking options. In the office or at home it takes just a second to attach your notebook to the Port Replicator and get connected to your external display, keyboard and mouse, for example. Your workplace is simple and tidy while you are ready to work with your notebook.	Order Code: S26391-F987-L100
LIFEBOOK bundle (Port rep\AC Adapter\EU-Cable Kit)		The combination of our Port Replicator and AC adapter is the perfect docking solutions for the LIFEBOOK Series and CELSIUS Mobile workstation - our professional notebooks - to simplify your mobile life. In the office or at home it takes just a second to attach your notebook to the Port Replicator and get connected to your peripherals.	Order Code: S26391-F987-L110
2nd battery		With a second battery you can maximize the working time of your notebook and work wherever you want for a whole working day. Just put the 2nd battery into the modular bay and enjoy truly mobile working free from the power socket!	Order Code: S26391-F777-L200

More information

Fujitsu platform solutions

In addition to Fujitsu LIFEBOOK E781, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products
www.fujitsu.com/global/services/computing/

Software
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More information

Learn more about Fujitsu LIFEBOOK E781, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://ts.fujitsu.com/mobile

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT.
Please find further information at http://www.fujitsu.com/global/about/environment/

Green Policy Innovation

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